

**MICHIGAN DEPARTMENT OF CIVIL SERVICE
JOB SPECIFICATION**

ENVIRONMENTAL ENGINEER SPECIALIST

JOB DESCRIPTION

Employees in this job function as professional specialists, with responsibility for an environmental engineering program or specialty area, or as an administrative assistant to an administrator or executive. Positions are (1) designated as specialists by the Appointing Authority; (2) accepted and classified by Civil Service; (3) require advanced knowledge in the field of work; (4) responsible for highly complex assignments; (5) the scope of responsibility is significant; and (6) the job function has considerable impact within the department. Typically, positions in this job do not supervise.

There are two classifications in this job.

Position Code Title – Environmental Engineer Specialist 2

Environmental Engineering Specialist 13

The employee functions as a second-level specialist or as an administrative assistant to an office director, division director, or equivalent-level administrator.

Position Code Title – Environmental Engineer Specialist 3

Environmental Engineering Specialist 14

The employee functions as a third-level specialist or as an administrative assistant to a bureau director or equivalent-level executive.

First-level specialists are classified at the advanced level of the Environmental Engineer job.

JOB CONCEPTS

Specialist jobs are evaluated by the appointing authority using the ECP Group Two Professional Specialist Position Evaluation Worksheet to recommend the appropriate classification level. Civil Service reviews the factors for job complexity, the scope of the program or specialty, and the impact of the job functions to determine the classification-level. There are two types of specialist jobs:

Program Specialist: The predominant and essential function of the job is its assigned responsibility for an accepted program that is statewide, departmentwide, agencywide, or the equivalent scope. Such jobs are responsible for highly complex assignments that have considerable impact and are one-of-a-kind within the organization.

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Staff Specialist: The predominant and essential function of the job is to serve as an expert in a particular specialty area or professional discipline that is statewide, departmentwide, agencywide, or the equivalent in scope. Such positions are responsible for highly complex assignments that have considerable impact and are one-of-a-kind within the organization.

Administrative Assistant jobs predominately and essentially function to advise and assist an administrator or executive in all areas for which the official is responsible. The positions report directly to the official in a staff capacity and are typically involved in budget development, program planning, policy and procedures development, representing the official at meetings, and are otherwise, assisting in all areas of the official's responsibilities.

JOB DUTIES

NOTE: The job duties listed are typical examples of the work performed by positions in this job classification. Not all duties assigned to every position are included, nor is it expected that all positions will be assigned every duty.

Administrative Assistant

Advises and assists the official in all areas of responsibility.

Carries out special projects as assigned by the official.

Assists in program planning, policy and procedures development.

Participates in budget development.

Represents the official at meetings.

Specialist

Serves as responsible staff in charge over an assigned environmental engineering program under the direction of an administrative or executive level supervisor.

Develops and maintains environmental engineering programs, including development of program goals and plans for implementation.

Makes recommendations in areas of expertise.

Serves as expert specialist responsible for the coordination and development of environmental engineering training programs for staff.

Acts as a liaison with other agencies, organizations, and employees to coordinate technical programs.

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Serves as a technical consultant and liaison with industry and governmental agencies.

Conducts special projects.

Prepares special studies and reports.

May perform related essential functions appropriate to the class and other non-essential functions as required.

JOB QUALIFICATIONS

Knowledge, Skills, and Abilities

NOTE: The degree of knowledge required is a function of job complexity, program or specialty scope, and impact, which increases with the level of the position.

Administrative Assistant

Knowledge of the principles and techniques of administrative management; including, organization, planning, staffing, training, budgeting, and reporting.

Knowledge of fiscal planning, budgeting, and management.

Specialist

Knowledge of the operational and technical problems involved in the administration of a specialized program.

Knowledge of the assigned program specialty.

Administrative Assistant and Specialist

Knowledge of methods of planning, developing, and administering programs.

Knowledge of federal, state, and local laws, and legislative processes related to the work.

Knowledge of the need, preparation, and use of reports.

Knowledge of the principles and practices of environmental engineering.

Knowledge of the scientific principles relative to environmental control.

Knowledge of the terminology and symbols used in engineering, drafting, and design.

Knowledge of the equipment, testing, and investigative methods and laboratory procedures related to environmental engineering.

Knowledge of engineering office practices.

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Knowledge of training techniques.

Ability to instruct others.

Ability to perform research work and to make comprehensive recommendations on environmental engineering issues.

Ability to make mathematical computations and to design engineering projects.

Ability to read, interpret and prepare engineering plans, specifications, and technical reports.

Ability to organize, evaluate, and present information effectively.

Ability to plan, coordinate, and expedite work projects.

Ability to interpret complex rules and regulations.

Ability to effectively communicate with others.

Ability to promote and maintain favorable public relations.

Working Conditions

Typical assignments frequently require that work assignments be completed outdoors in a variety of weather conditions, including weather extremes.

Long periods of walking, standing, driving or riding in a car or light truck, and some climbing and carrying of equipment and supplies are commonly associated with the work.

Exposure to hazardous waste and contaminants is routine, and may require the use of protective clothing and respirators.

Physical Requirements

None.

Education

Possession of a bachelor's degree in engineering.

Experience

Environmental Engineering Specialist 13

Four years of experience as an environmental engineer, including two years of experience equivalent to an Environmental Engineer P11.

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OR

One year of experience equivalent to an Environmental Engineer 12 or Environmental Engineer Licensed 12.

Environmental Engineering Specialist 14

Five years of experience as an environmental engineer, including three years of experience equivalent to an Environmental Engineer P11.

OR

Two years of experience equivalent to an Environmental Engineer 12 or Environmental Engineer Licensed 12,.

OR

One year of experience equivalent to an Environmental Engineering Specialist 13 or Environmental Engineering Licensed Specialist 13.

Special Requirements, Licenses, and Certifications

None.

NOTE: Equivalent combinations of education and experience that provide the required knowledge, skills, and abilities will be evaluated on an individual basis.

JOB CODE, POSITION TITLES AND CODES, AND COMPENSATION INFORMATION

Job Code

ENVENG SPL

Job Code Description

Environmental Engineer Specialist

Position Title

Environmental Engineer Specialist 2

Environmental Engineer Specialist 3

Position Code

EVISPL2

EVISPL3

Pay Schedule

H21-016

H21-018

ECP Group 2
Revised 5/22/02
EAF/VLWT/CAG/VT/Team Leaders